GATEKEEPER PROGRAM OVERVIEW

WHAT IS IT?

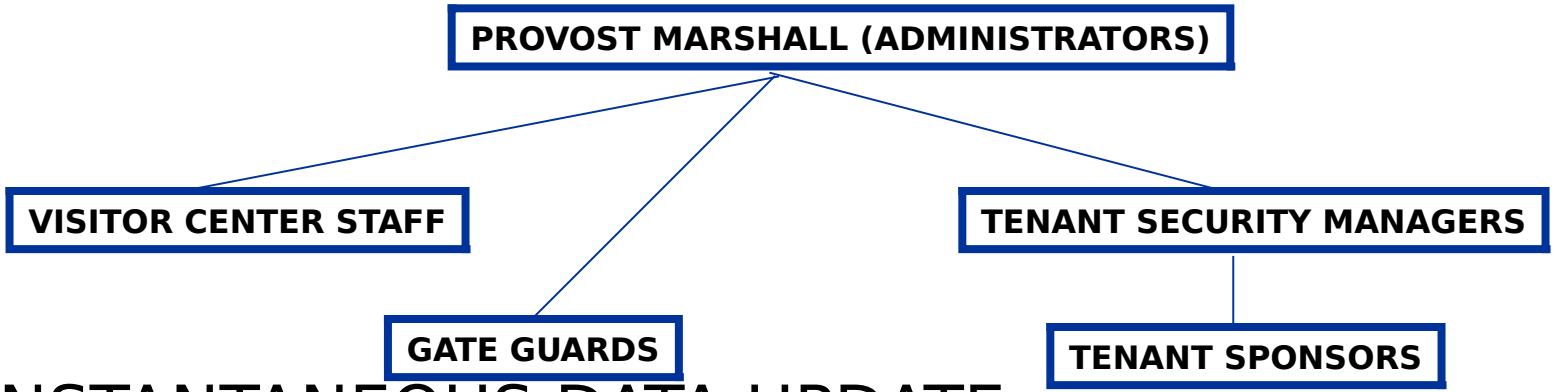
- AFTER 9/11, MILITARY BASES WENT TO A HIGHER LEVEL OF THREATCON
  - BASES WHICH WERE PREVIOUSLY OPEN-ACCESS ACCESS BECAME CONTROLLED-ACCESS
  - VISITORS TO BASES HAVE NO CREDENTIALS
  - DAY TO DAY ACCESS DELAYS ENSUED BECAUSE PROCESSES WERE MANUAL AND NOT AUTOMATED
  - PEO EIS MADE AN OFFER TO THE FT BELVOIR GARRISON COMMANDER AND PMO TO WRITE AN APPLICATION AND PROVIDE WIRELESS LAN HARDWARE TO HELP WITH THIS SITUATION.
- DEVELOPED IN LESS THAN 4 WEEKS (MID NOV 01 – MID DEC 01) BY PEO EIS IN CONJUNCTION WITH THE FT BELVOIR DIRECTORATE OF PLANS, TRAINING, MOBILIZATION, & SECURITY (DPTMS).
- AVAR
  - A SECURE, INTERNET, VISITOR ACCESS AUTHORIZATION AND MONITORING PROGRAM FOR BASE WIDE ACCESS
  - AN ADDITIONAL COMPONENT INCLUDES SECURE WIRELESS LAN CONNECTIVITY FOR BASE GATE CONNECTIVITY AND SECURE WIRELESS PDAs FOR VISITOR VERIFICATION

OPERATIONAL SCENARIOS

- #1 ONE DAY VISIT
  - ONCE AUTHENTICATED TO THE SYSTEM, A TENANT SPONSOR HAS AUTHORITY TO NOMINATE A VISITOR FOR ACCESS TO THE BASE
    - ie MR. JONES FROM ACME ELECTRONICS WILL BE VISITING COL SMITH ON 12 FEBRUARY 2002
  - THE SPONSOR (PERHAPS COL SMITH'S SECRETARY) ENTERS VISITORS NAME, DATE OF VISIT, VEHICLE INFORMATION, ETC
  - THE DATA IS IMMEDIATELY COMMITTED TO THE DATABASE
  - ON 12 FEBRUARY 2002, MR. JONES DRIVES UP TO A GUARD. USING THE PDA, THE GUARD ACCESSES THE SYSTEM AND VERIFIES THAT MR. JONES IS EXPECTED. THE GUARD VERIFIES VEHICLE INFORMATION AND MR. JONES' ID AND LETS HIM PASS
- #2 TEMPORARY PASS (MULTI DAY VISIT)
  - ONCE AUTHENTICATED TO THE SYSTEM, A TENANT SPONSOR HAS AUTHORITY TO NOMINATE A VISITOR ACCESS TO THE BASE
    - ie MS, SMITH IS A SUPPORT CONTRACTOR FROM BETA ELECTRONICS WILL BE WORKING ON BASED FULL TIME.
  - THE SPONSOR ENTERS VISITORS NAME, DURATION OF VISIT, VEHICLE INFORMATION, ETC
  - THE DATA IS IMMEDIATELY COMMITTED TO THE DATABASE
  - UPON ARRIVAL AT THE VISITOR CENTER A PASS CAN BE PRINTED FOR MS. SMITH
- #3 SINGLE EVENT, MULTIPLE PERSON
  - ONCE AUTHENTICATED TO THE SYSTEM, A TENANT SPONSOR HAS AUTHORITY TO NOMINATE A VISITOR FOR ACCESS TO THE BASE
    - A CONFERENCE (OR WEEKEND WEDDING) IS TAKING PLACE AND 100 PEOPLE ARE EXPECTED
  - THE TENANT SPONSOR DOWNLOADS A SPECIAL SPREADSHEET AND WORKS WITH THE CONFERENCE COORDINATOR WHO WILL TYPE IN THE NAMES OF THE PEOPLE ATTENDING THE EVENT.
  - THE TENANT SPONSOR UPLOADS THE SPREADSHEET AND 'BULK LOADS' THE PEOPLE INTO THE SYSTEM
  - THE DATA IS IMMEDIATELY COMMITTED TO THE DATABASE
  - ON THE DAY OF THE EVENT, THE PEOPLE ARE CONSIDERED A 1 DAY VISITOR.

OPERATIONAL FEATURES

- AVAR SUPPORTS 5 HIERARCHICAL LEVELS OF USERS



- INSTANTANEOUS DATA UPDATE
- VISITOR CENTER CAN PRINT A PASS
- BULK LOAD PEOPLE FOR AN EVENT, ie A WEEKEND WEDDING
- RICH AND FULL DATA QUERY FOR ONLY THAT DATA THAT A USER IS AUTHORIZED TO SEE

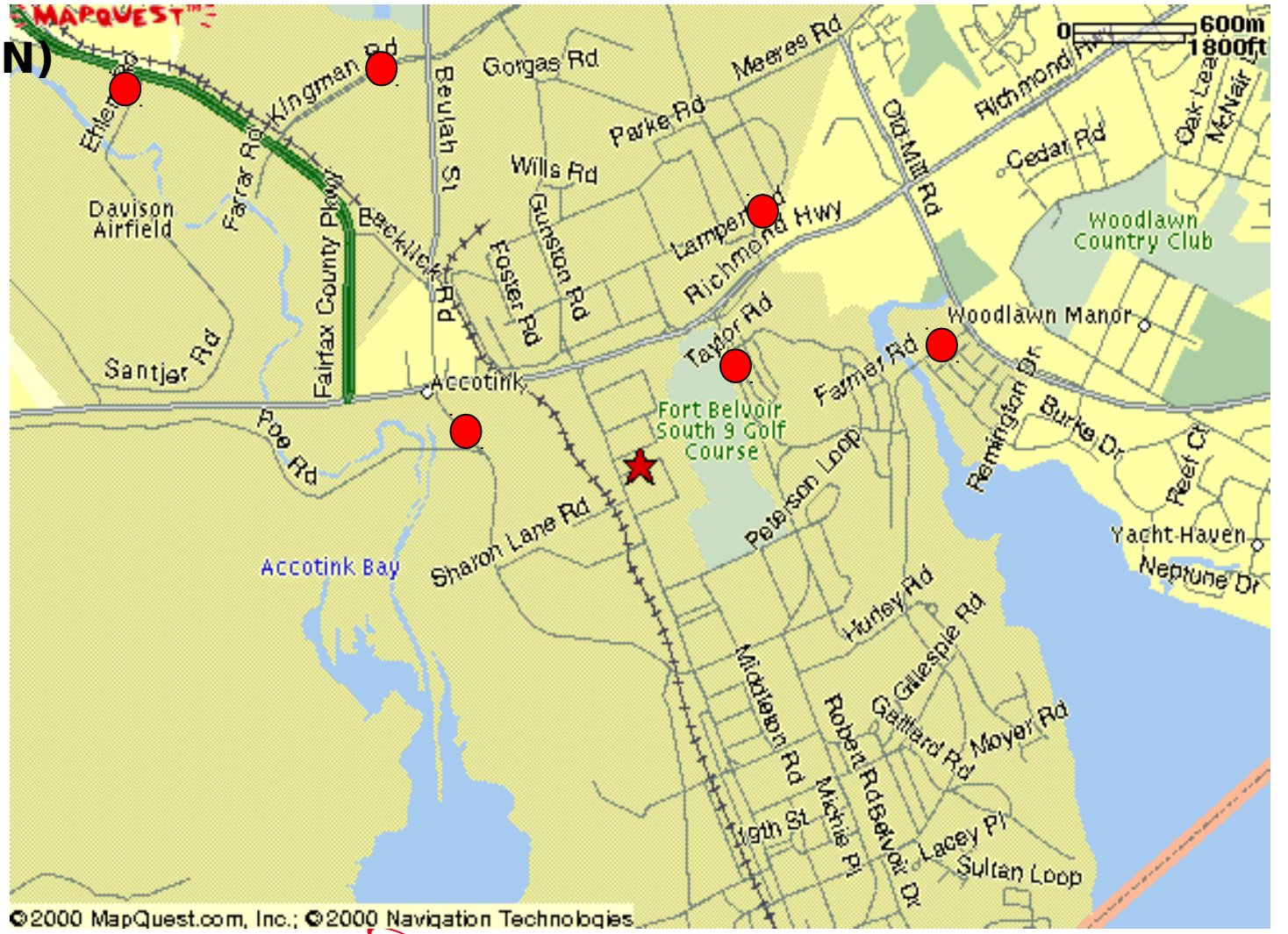
TECHNICAL FEATURES

- 100% INTERNET BASED
- SECURE (SSL) AND PASSWORD ACCESS CONTROLLED
- BASED ON ORACLE PORTAL, ORACLE 8i DATABASE AND 9i APPLICATION SERVER
- HARDWARE COMPONENTS INCLUDE PRODUCTS FROM
  - CISCO
  - FORTRESS TECHNOLOGIES
  - COMPAQ

FT BELVOIR'S IMPLEMENTATION

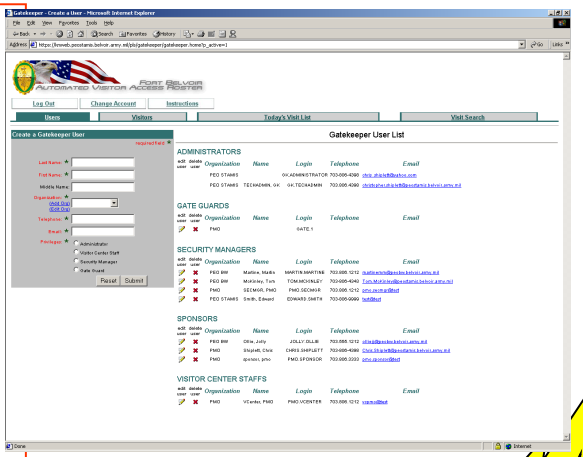
FT BELVOIR ACCESS POINTS

618 (NOT SHOWN)
KINGMAN
DAVIDSON
WOODLAWN
TULLY
PENCE
WALKER



HIGH LEVEL ARCHITECTURE

- HIERARCHY OF CONTROL
  - PEO EIS
    - SYSTEM ADMINISTRATOR
    - HOST THE FT BELVOIR SERVER
    - ADD PROVOST MARSHAL ADMINISTRATORS
  - PROVOST MARSHAL
    - ADMINISTRATOR
    - ADD/DELETE OTHER ADMINISTRATOR
    - ADD/DELETE TENANT POC
    - ADD/DELETE GATE GUARDS
    - ADD/DELETE VISITORS
  - TENANT SECURITY MANAGER
    - ADD/DELETE VISIT SPONSORS WITHIN TENANT ACTIVITY
    - ADD/DELETE VISITORS
  - SPONSOR
    - ADD/DELETE VISITORS
  - VISITOR CENTER STAFF
    - ADD/DELETE VISITORS
    - PRINT A PASS
  - GATE GUARD
    - VERIFY CREDENTIALS



X 7 ENTRY POINTS

Antenna/Mast

Cisco Access Point

WIRELESS LAN WILL BE FIPS 140-1

Belvoir LAN

Antenna/Mast

Cisco Access Point

Air Fortress Box

PEO Building

PEO WEB SITE
-SECURE
-SSL

APPLICATION 9i SERVER

ORACLE

PEO EIS
PEO Enterprise Information Systems

Prev Day (28-NOV-01) | Next Day (30-NOV-01)

D H J K S

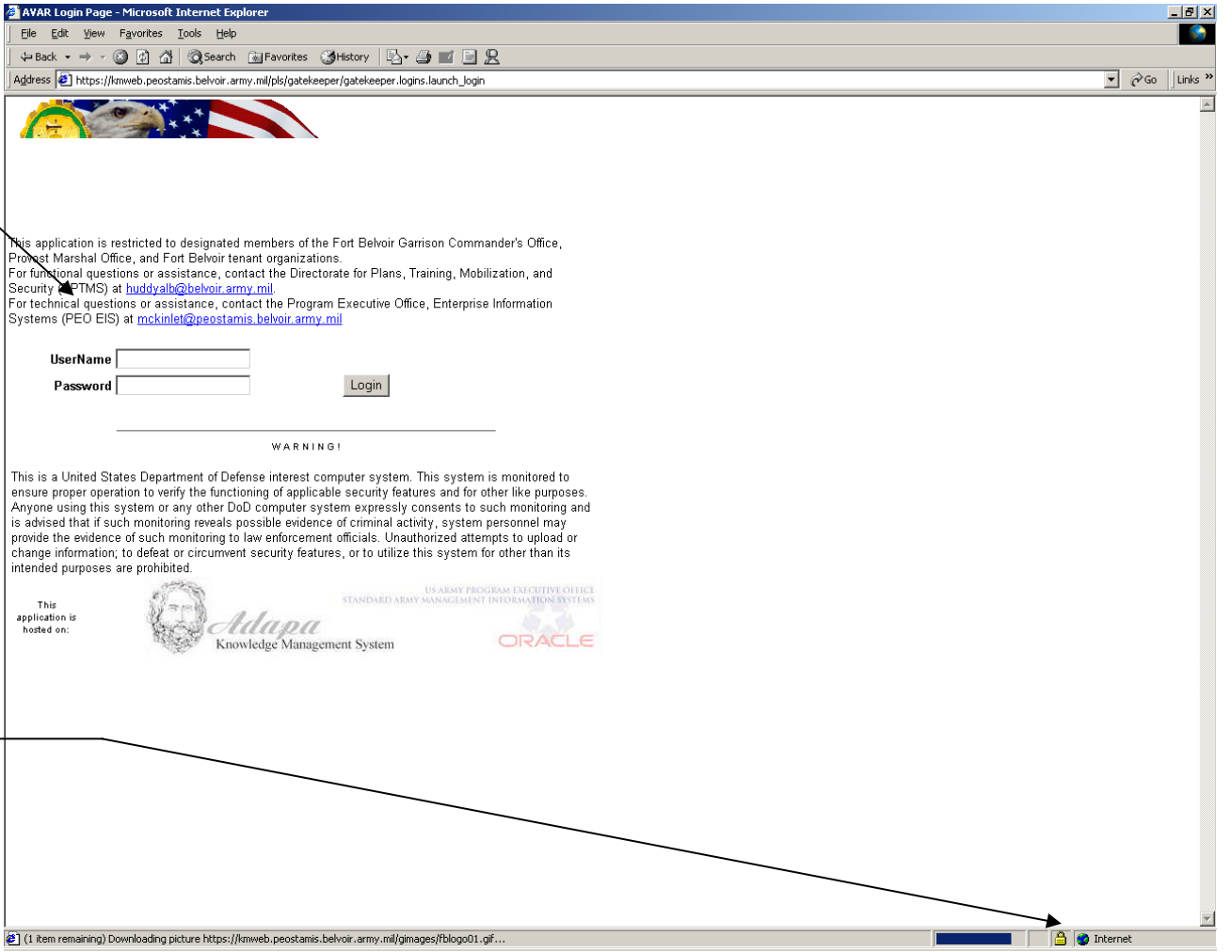
29-NOV-01:

Name	Company	Sponsor
D Top DANGERFIELD, ROD	RESPECT	PEO STAMIS
H Top HAPPY, GILMORE	PGA	PEO STAMIS
J Top Jones, John	Acme	PEO STAMIS
K Top KIRK, JAMES	SHIP	PEO STAMIS
S Top Smith, Sam	IBM	PEO STAMIS

LOG IN SCREEN

SECURE

SSL


AVAR Login Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address https://kmweb.peostamis.belvoir.army.mil/pls/gatekeeper/gatekeeper.logins.launch_login
Go Links
This application is restricted to designated members of the Fort Belvoir Garrison Commander's Office, Provost Marshal Office, and Fort Belvoir tenant organizations.
For functional questions or assistance, contact the Directorate for Plans, Training, Mobilization, and Security (DPTMS) at huddyalb@belvoir.army.mil.
For technical questions or assistance, contact the Program Executive Office, Enterprise Information Systems (PEO EIS) at mckinlet@peostamis.belvoir.army.mil
UserName
Password
Login
WARNING!
This is a United States Department of Defense interest computer system. This system is monitored to ensure proper operation to verify the functioning of applicable security features and for other like purposes. Anyone using this system or any other DoD computer system expressly consents to such monitoring and is advised that if such monitoring reveals possible evidence of criminal activity, system personnel may provide the evidence of such monitoring to law enforcement officials. Unauthorized attempts to upload or change information; to defeat or circumvent security features, or to utilize this system for other than its intended purposes are prohibited.
This application is hosted on:
Adapa
Knowledge Management System
US ARMY PROGRAM EXECUTIVE OFFICE
STANDARD ARMY MANAGEMENT INFORMATION SYSTEMS
ORACLE
(1 item remaining) Downloading picture https://kmweb.peostamis.belvoir.army.mil/gimages/fblogo01.gif...
Internet

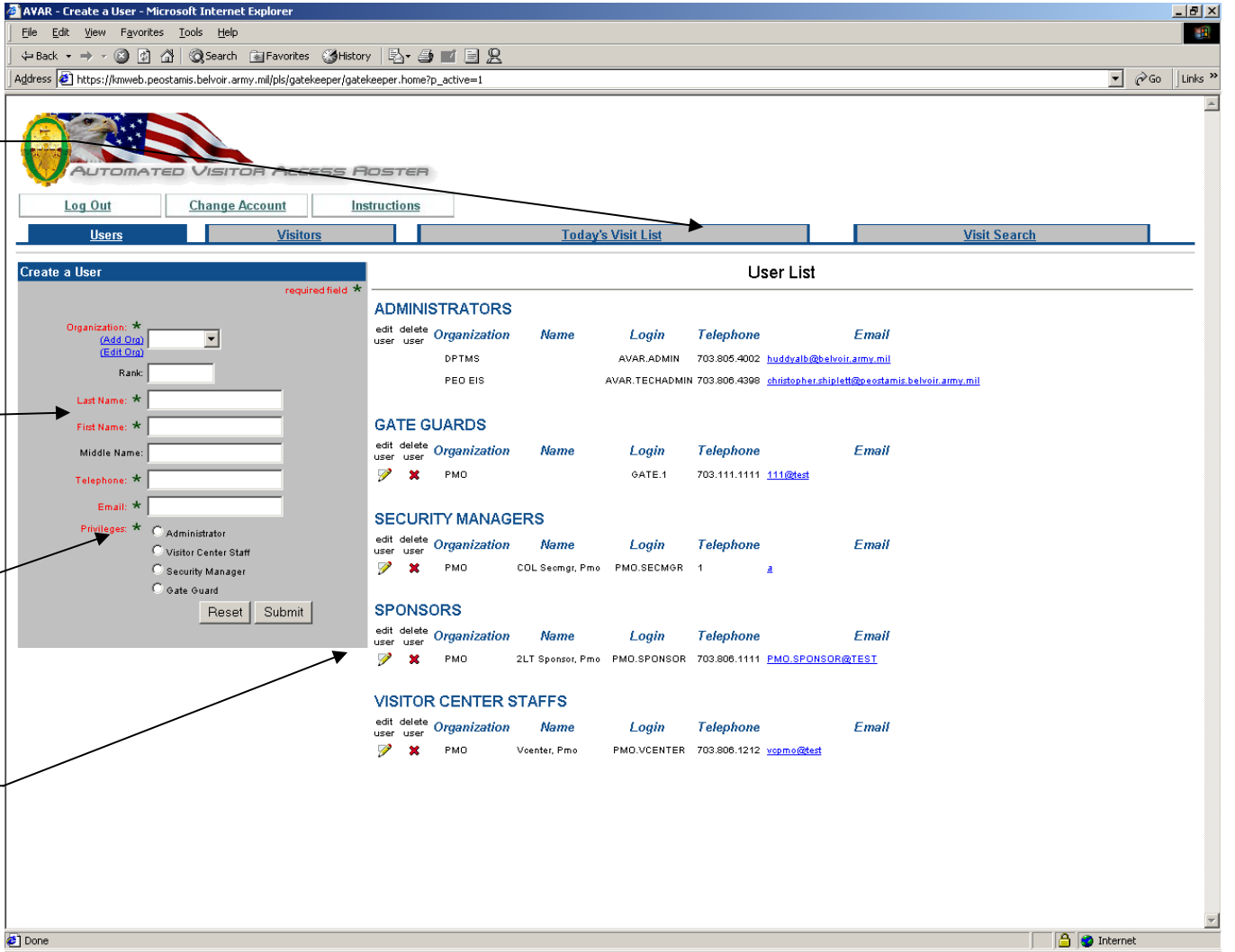
PEO EIS
PEO Enterprise Information Systems

ADMINISTRATOR'S VIEW

ADMINISTRATORS SEE ALL USERS OF SYSTEM

ADMINISTRATORS CAN ADD/DELETE ORGANIZATION ADMINISTRATORS CAN ADD/DELETE PEOPLE

5 LEVELS OF CONTROL:
- **ADMINISTRATORS**
- **GATE GUARDS**
- **SECURITY MANAGERS**
- **SPONSORS**
- **VISITOR CENTER STAFF**



PEO EIS
PEO Enterprise Information Systems

ADD/EDIT/DELETE VISITORS

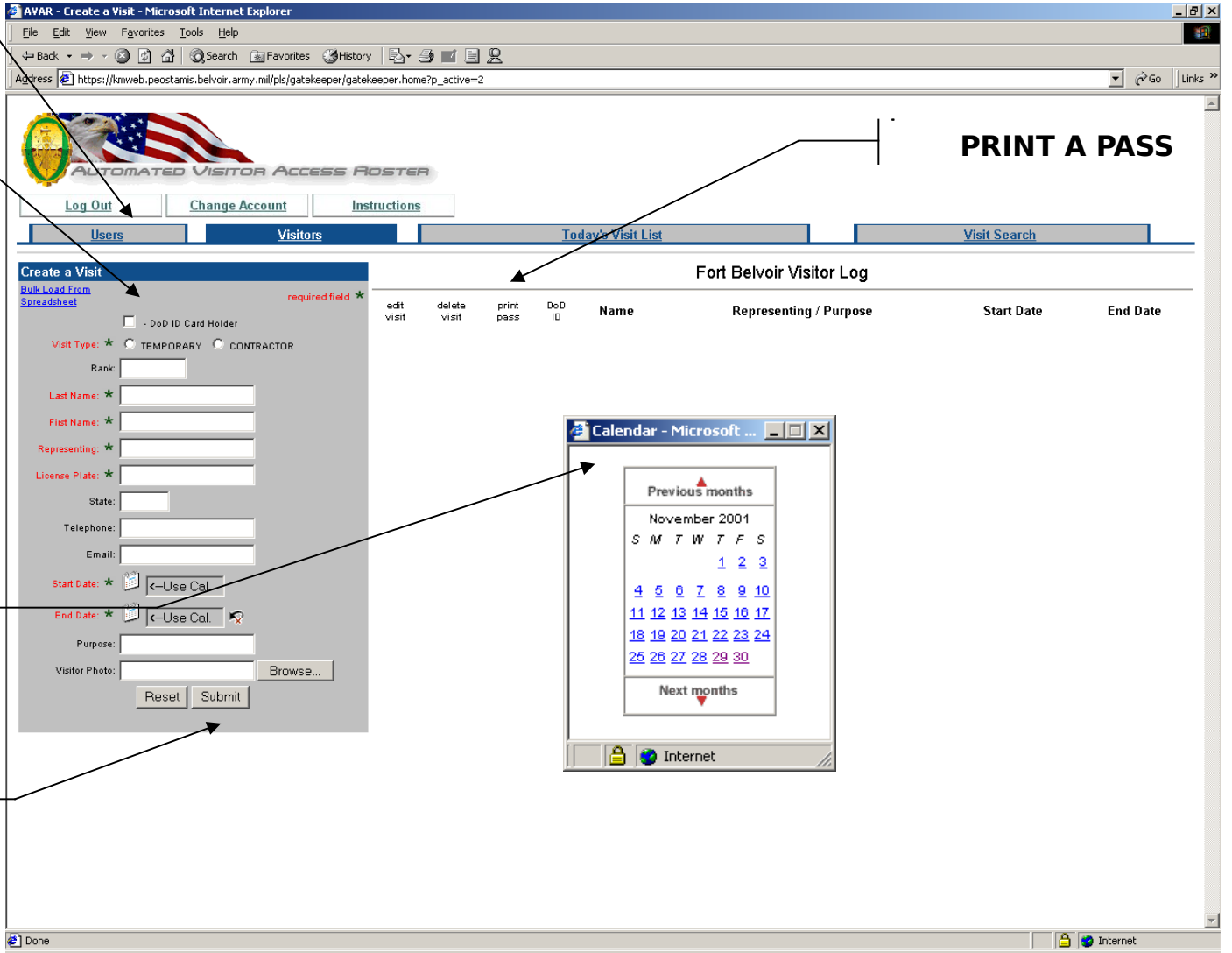
ADD A VISITOR IN LESS THAN 30 SECONDS

DoD ID CARD CHECK

SPONSOR CAN NOMINATE A 1 DAY VISIT OR A MULTIPLE DAY VISIT, WHICH WILL REQUIRE A PRINTED PASS.

POP UP CALENDAR REDUCES DATE ENTRY ERROR

SYSTEM UPDATED AS SOON AS 'SUBMIT' IS CLICKED

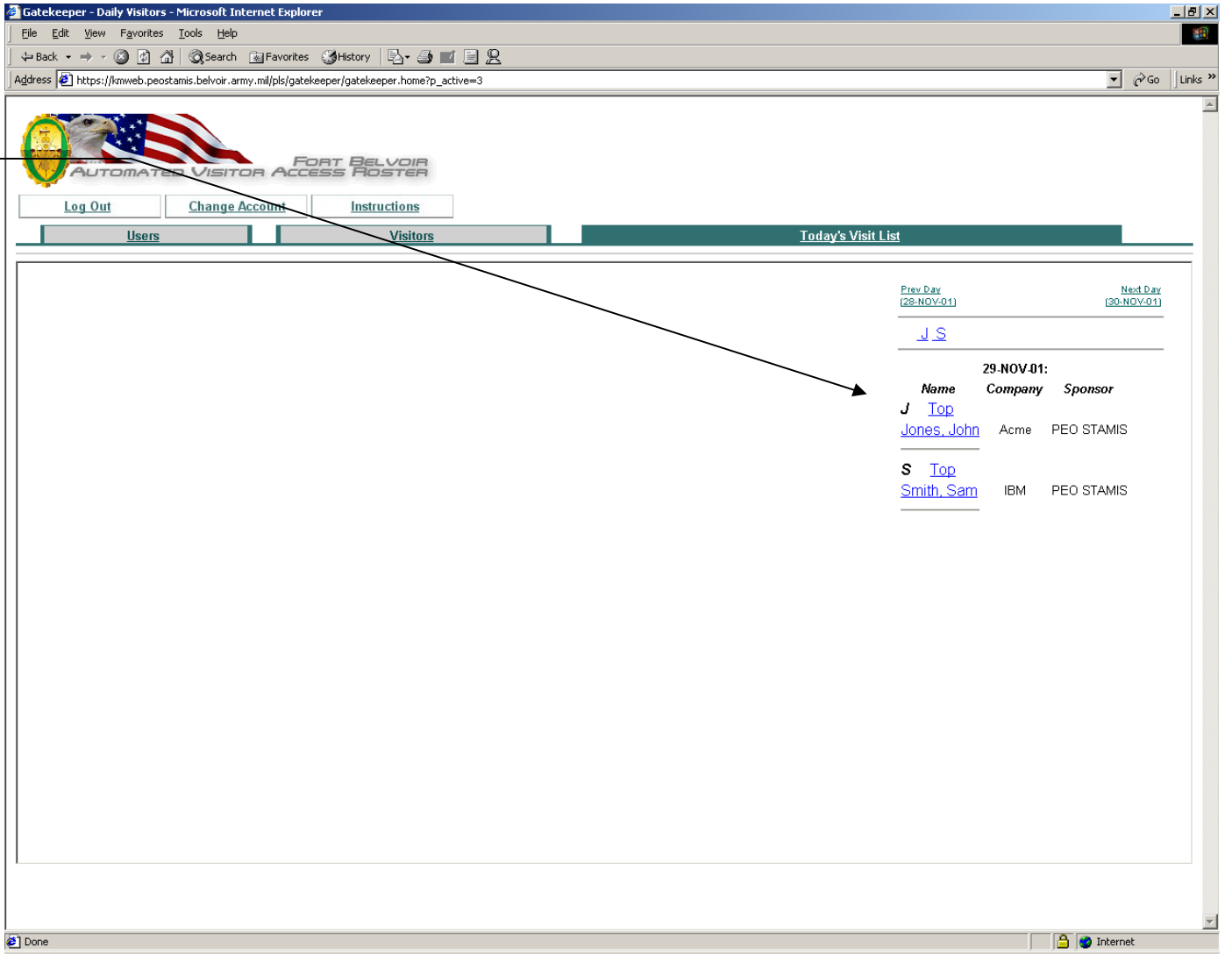


PEO EIS
PEO Enterprise Information Systems

SPONSORS VIEW OF VISITORS

A SPONSOR ONLY SEES THOSE VISITORS THEY HAVE AUTHORIZED

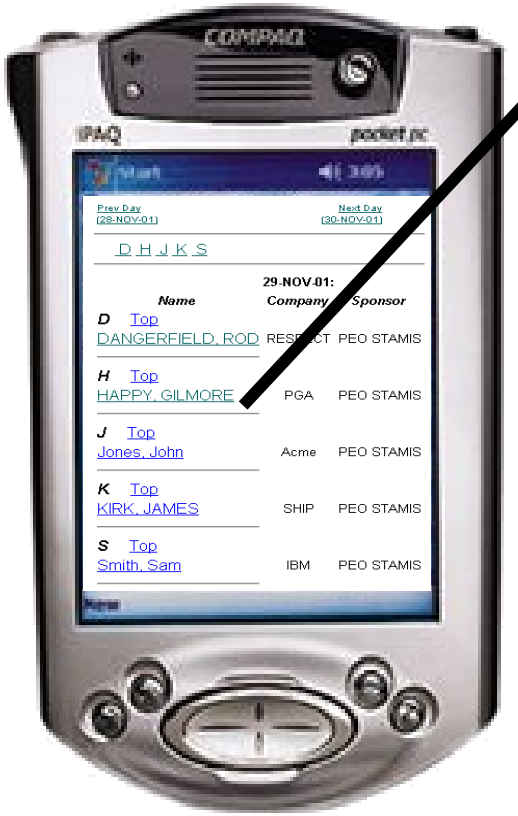
PMO CAN SEE ALL VISITORS

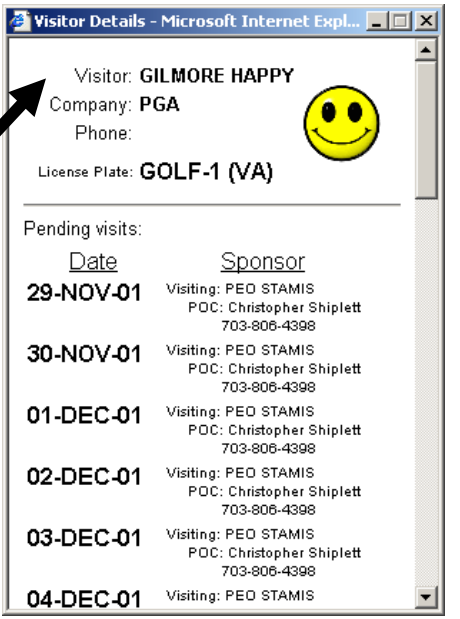


PEO EIS
PEO Enterprise Information Systems

GATE GUARD VIEW

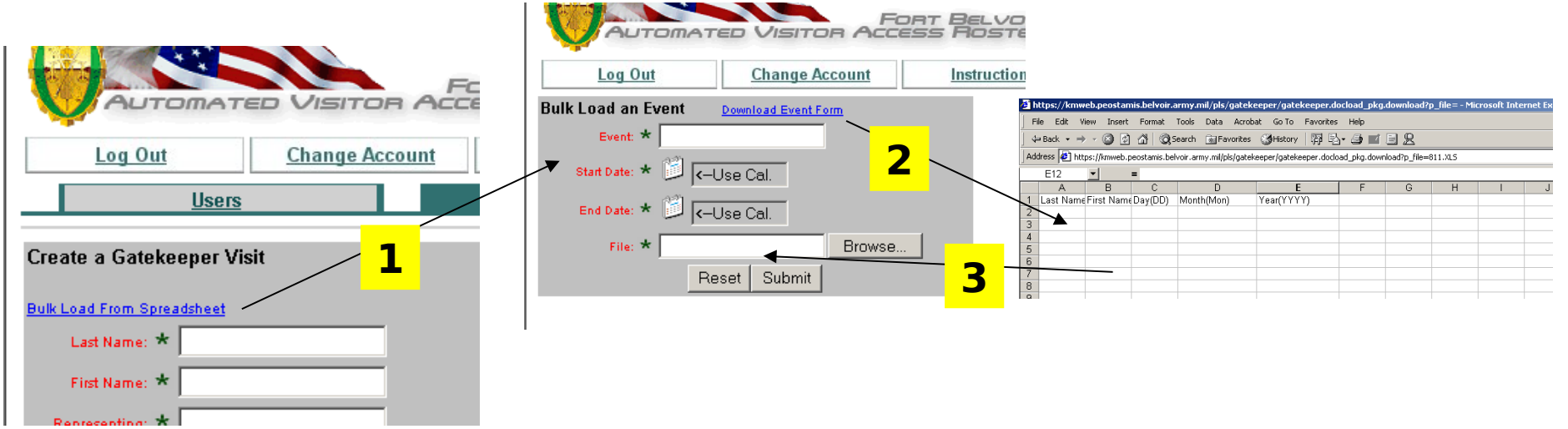
- WIRELESS HANDHELD
  - RUGGEDIZED PROTECTOR
- COLOR SCREEN
- GUARD SEES THAT DAYS VISITORS
- CAN POP UP MORE INFO ON A PERSON





PEO EIS
PEO Enterprise Information Systems

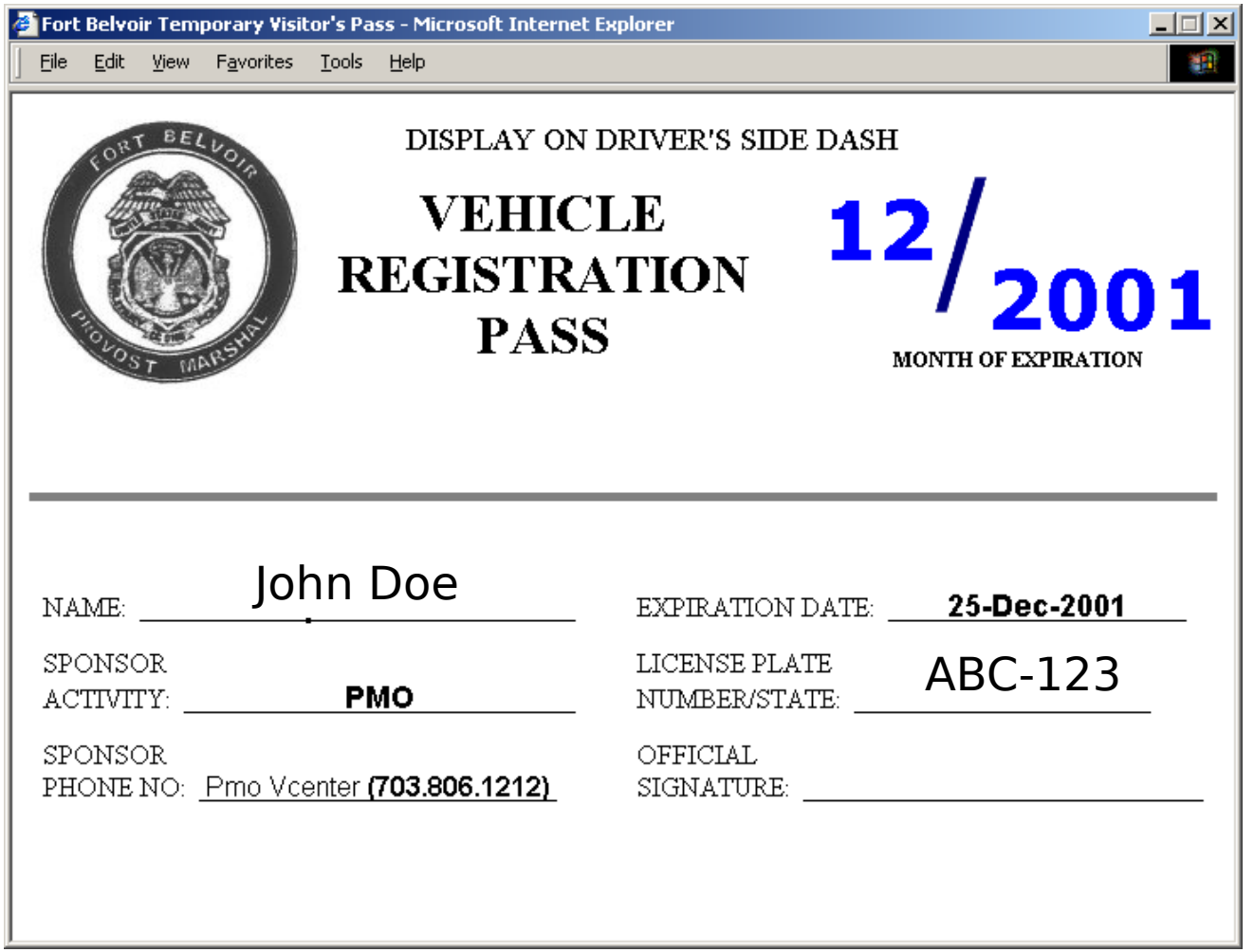
SPECIAL FEATURE
-BULK LOAD-



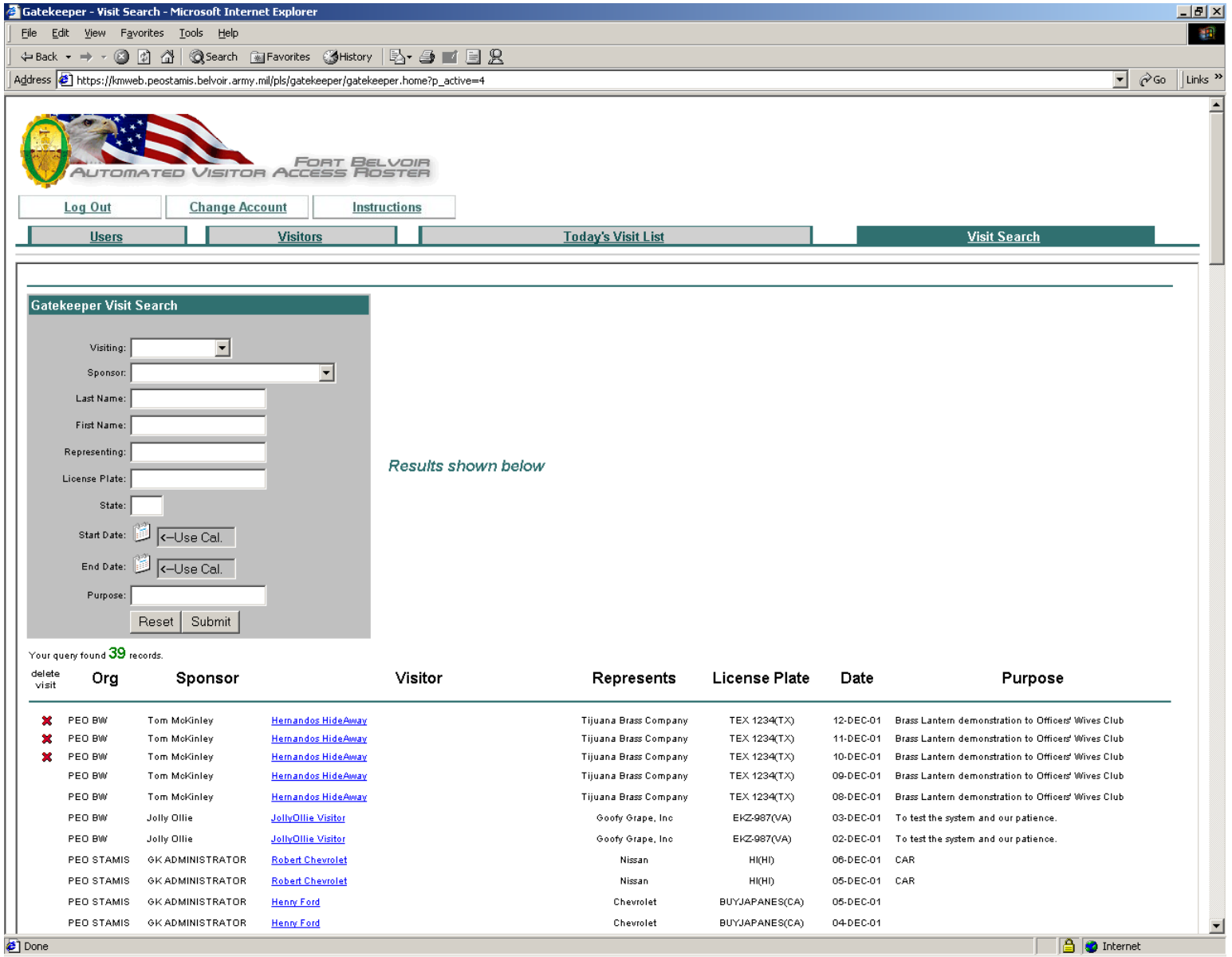
- WHEN AN ACTIVITY HAS MANY PEOPLE ATTENDING A CONFERENCE OR EVENT, THE SPONSOR CAN HAVE AN EXCEL SPREADSHEET COMPLETED EXTERNAL TO THE SYSTEM
- THE COMPLETED SPREADSHEET **CAN BE UP LOADED ONLY BY A PERSON AUTHORIZED TO GRANT ACCESS**, ie THE SPONSOR WITH ACCESS PERMISSIONS
- USEFUL FOR A CONFERENCE WHEN SOMEONE NEEDS TO WORK A GUEST LIST OFF-LINE OF DOZENS OF PEOPLE, THEN ENTER ALL AT ONCE WHEN COMPLETE.
- THE SPREADSHEET IS PARSED BY THE SYSTEM AND DATE IS ENTERED AS IF IT WERE INDIVIDUALLY TYPED IN.

PEO EIS
PEO Enterprise Information Systems

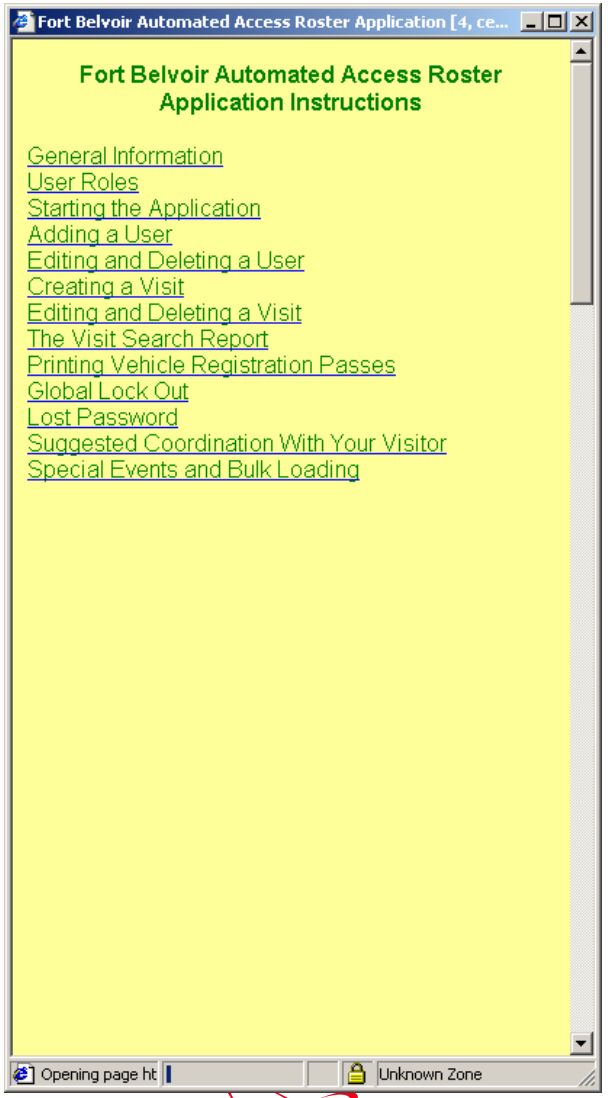
VISITOR CENTER CAN PRINT A PASS


Fort Belvoir Temporary Visitor's Pass - Microsoft Internet Explorer
File Edit View Favorites Tools Help
DISPLAY ON DRIVER'S SIDE DASH
VEHICLE REGISTRATION PASS
12/2001
MONTH OF EXPIRATION
NAME: John Doe
EXPIRATION DATE: 25-Dec-2001
SPONSOR ACTIVITY: PMO
LICENSE PLATE NUMBER/STATE: ABC-123
SPONSOR PHONE NO: Pmo Vcenter (703.806.1212)
OFFICIAL SIGNATURE:

SEARCH


Gatekeeper - Visit Search - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address https://kmweb.peostamis.belvoir.army.mil/pls/gatekeeper/gatekeeper.home?p_active=4
Go Links
Fort Belvoir
Automated Visitor Access Roster
Log Out
Change Account
Instructions
Users
Visitors
Today's Visit List
Visit Search
Gatekeeper Visit Search
Visiting:
Sponsor:
Last Name:
First Name:
Representing:
License Plate:
State:
Start Date:
<--Use Cal.
End Date:
<--Use Cal.
Purpose:
Reset
Submit
Results shown below
Your query found 39 records.
delete visit
Org
Sponsor
Visitor
Represents
License Plate
Date
Purpose
PEO BW Tom McKinley Hernandos HideAway Tijuana Brass Company TEX 1234(TX) 12-DEC-01 Brass Lantern demonstration to Officers' Wives Club
PEO BW Tom McKinley Hernandos HideAway Tijuana Brass Company TEX 1234(TX) 11-DEC-01 Brass Lantern demonstration to Officers' Wives Club
PEO BW Tom McKinley Hernandos HideAway Tijuana Brass Company TEX 1234(TX) 10-DEC-01 Brass Lantern demonstration to Officers' Wives Club
PEO BW Tom McKinley Hernandos HideAway Tijuana Brass Company TEX 1234(TX) 09-DEC-01 Brass Lantern demonstration to Officers' Wives Club
PEO BW Tom McKinley Hernandos HideAway Tijuana Brass Company TEX 1234(TX) 08-DEC-01 Brass Lantern demonstration to Officers' Wives Club
PEO BW Jolly Ollie JollyOllie Visitor Goofy Grape, Inc EKZ-987(VA) 03-DEC-01 To test the system and our patience.
PEO BW Jolly Ollie JollyOllie Visitor Goofy Grape, Inc EKZ-987(VA) 02-DEC-01 To test the system and our patience.
PEO STAMIS GK ADMINISTRATOR Robert Chevrolet Nissan HI(HI) 06-DEC-01 CAR
PEO STAMIS GK ADMINISTRATOR Robert Chevrolet Nissan HI(HI) 05-DEC-01 CAR
PEO STAMIS GK ADMINISTRATOR Henry Ford Chevrolet BUYJAPANES(CA) 05-DEC-01
PEO STAMIS GK ADMINISTRATOR Henry Ford Chevrolet BUYJAPANES(CA) 04-DEC-01
Done
Internet

INSTRUCTIONS



EQUIPMENT OPTIONS

- **Cisco Aironet 350 Series Wireless Bridge (AIR-BR350-A-K9)**
  - **802.11b WIRELESS LAN**

Power Injector

- **AirFortress (AF-1100)**
  - **NIST encryption for 802.11b**

- **COMPAQ IPAQ PDA**
  - **Wireless**
  - **Ruggedized Case**
  - **AirFortress NIST Encrypted**

- **Antennas (situation unique)**

PEO Enterprise Information Systems

EXPORTABILITY TO OTHER BASES

- PEO EIS WORKING WITH ITS PM INSTALLATION SUPPORT MODULES (PM ISM) TO DISCUSS EXPORTING THE CAPABILITY
- SOFTWARE IS AVAILABLE AT NO COST*
- ANY HARDWARE COSTS HAVE TO BE BORNE BY REQUESTING ACTIVITY
  - EXAMPLE COSTS
    - CISCO WIRELESS BRIDGE, ~$1,200
    - AIR FORTRESS, ~$600
    - COMPAQ WIRELESS RUGGEDIZED PDA, ~$900
- SITE SURVEY, INSTALLATION, TRAINING COSTS TBD BY PM ISM

*ORACLE LICENSES AND SERVERS MAY BE REQUIRED.